

IN THE CLAIMS

1. (Currently Amended) A self-wound, water dissolvable, tape, comprising:

a water dissolvable, continuous phase substrate having a first surface and a second surface,

a water dissolvable, continuous phase adhesive layer on the first surface of the substrate, and

a water dissolvable, continuous phase adherent layer on the second surface of the substrate,

wherein the water dissolvable, continuous phase adhesive layer is at least one organic compound incorporating one or more high polarity function groups of an acid functionality, an alcohol functionality, a ketone functionality, an aldehyde functionality, or an ester linkage.

Claims 2 – 4 (Canceled)

5. (Currently Amended) A tape according to claim [2] 1 wherein the substrate includes a water insoluble, discontinuous phase.

6. (Currently Amended) A tape according to claim [3] 1 wherein the adhesive layer includes a water insoluble, discontinuous phase.

7. (Currently Amended) A tape according to claim [4] 1 wherein the adherent layer includes a water insoluble discontinuous phase.

Claims 8 – 13 (Cancelled)

14. (Currently Amended) A tape according to claim [2] 1 wherein the water dissolvable, continuous phase substrate comprises a soluble starch.

15. (Currently Amended) A tape according to claim [3] 1 wherein the water dissolvable, continuous phase adhesive layer comprises an ionic salt of a polyacrylic acid.

16 (Currently Amended) A tape according to claim [4] 1 wherein the water dissolvable, continuous phase abherent layer comprises lecithin.

17. (Currently Amended) A tape according to claim [2] 1 wherein the substrate includes a water insoluble, discontinuous phase of cellulose fibers.

18. (Currently Amended) A tape according to claim [3] 1 wherein the adhesive layer includes a water insoluble, discontinuous phase of a high molecular weight acrylic acid.

19. (Currently Amended) A tape according to claim [4] 1 wherein the abherent layer includes a water insoluble discontinuous phase of polymethyl siloxane.

20. (Original) A tape according to claim 14 wherein the soluble starch comprises cationic corn starch.

21. (Currently Amended) A roll of water dissolvable, self-wound tape comprising a first abherent layer comprising a first, water dissolvable, continuous phase and a second, non-dissolvable, discontinuous phase, a second substrate layer comprising a first, water dissolvable, continuous phase

and a second, non-dissolvable, discontinuous phase, and a third layer comprising a water dissolvable pressure sensitive adhesive continuous phase and a second, non-dissolvable, discontinuous phase wound upon a core;

wherein the water dissolvable, continuous phase substrate has a first surface and a second surface,

wherein the water dissolvable, continuous phase adhesive layer is on the first surface of the substrate,

wherein the water dissolvable, continuous phase adherent layer is on the second surface of the substrate, and

wherein the water dissolvable continuous phase of the adherent layer comprises lecithin, and the discontinuous, non-dissolvable, discontinuous phase comprises polymethyl siloxane;

wherein the water dissolvable continuous phase of the substrate layer comprises a soluble starch, and the discontinuous phase comprises cellulose fibers,

wherein the water dissolvable, continuous phase adhesive layer comprises an ionic salt of poly-acrylic acid and the non-dissolvable, discontinuous phase comprises a nondissolvable, high molecular weight acrylic acid.

Claim 22 (Cancelled)